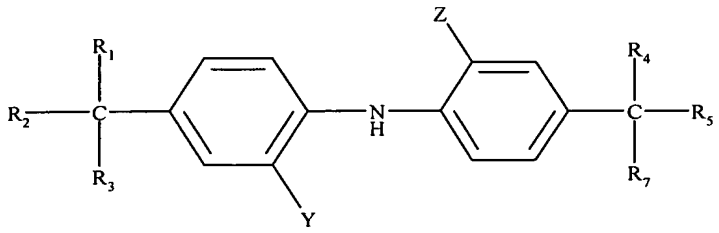
Amendments to the Specification:

Please replace the paragraph beginning at page 15, line 1, with the following rewritten paragraph:

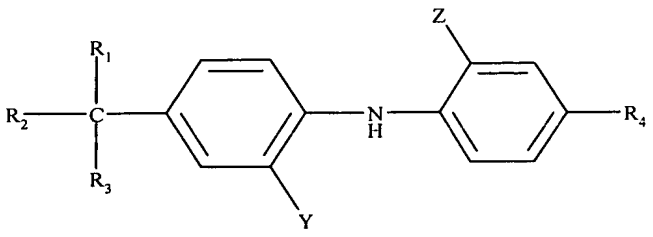
TYPE II



R_1	R_2	R_3	R_4	R_5	R_7	[[X]] Z	Y
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	α,α-Dimethyl-benzyl	Hydrogen
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	Bromo	Bromo
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	Carboxyl	Hydrogen
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	Nickel carboxylate	Hydrogen
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	2-Butyl	Hydrogen
Phenyl	Methyl	Methyl	Phenyl	Methyl	Methyl	2-Octyl	Hydrogen
Phenyl	Phenyl	Phenyl	Phenyl	Phenyl	Phenyl	2-Hexyl	Hydrogen

Please replace the paragraph beginning at page 16, line 1, with the following rewritten paragraph:

TYPE III



R_1	R_2	R_3	R_4	[[X]] Z	Y
Phenyl	Methyl	Methyl	Isopropoxy	Hydrogen	Hydrogen
Phenyl	Methyl	Methyl	Hydrogen	2-Octyl	Hydrogen
Phenyl	Phenyl	Phenyl	Hydrogen	2-Hexyl	Hydrogen

Please replace the paragraph beginning at page 21, line 3, with the following rewritten paragraph:

Ninety grams of butylated octylated diphenylamine and 3.6 grams of 48% aqueous hydrobromic acid were charged to a reaction vessel equipped with mechanical stirring, a nitrogen blanket, a thermocouple, an electric heater, and an offset condenser with receiver. This was heated to 180° C. Utilizing an HPLC pump, 340 mL of acetone was added to the reaction mass over about 6.5 hours. The reaction mass was then heat -treated for an additional 30 minutes. The reaction mass was then cooled to 70° C, diluted with 250 mL of heptane (to improve washing) and washed with dilute NaOH. The organic layer was separated and allowed to stand overnight. The resultant precipitate (designated hereinafter as

AC1) was filtered off to afford 7.2 grams of a white-gray needle-like solid with a melting ~~poing~~ point of 229-231° C. Analysis showed this to be di-*tert*-butyl dimethylacridan. ^{1}H NMR: δ=1.303 ppm Integral=18 (t-butyl); δ=1.591 ppm Integral=6 (Ar_2-C-$(CH_3)_2$); δ=6.002 ppm Integral=1 (-N-H); δ=6.592, 6.619, 7.084, 7.090, 7.112, 7.117, and 7.387 ppm Integral=6 (aromatic). ^{13}C NMR: δ=30.661 ppm Integral=2 ($Ar_2C(CH_3)_2$); δ=31.618 ppm Integral=6 ($ArC(CH_3)_3$); δ=34.299 ppm Integral=2 ($ArC(CH_3)_3$); δ=36.619 ppm Integral=1 ($Ar_2C(CH_3)_2$); δ=112.837, 122.156, 123.477, 128.504, 136.376, 142.917 ppm Integral=12 aromatic.